

Application No. 10/652,625
Response dated February 20, 2006
Reply to Office action of December 29, 2005

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)

2. (currently amended) An air hypocaust structure for cooling and/or heating, which transfers heat according to a conduction, a convection, and a radiation mechanism by a cold or a hot air current circulating in the air hypocaust structure, comprising:

an upper plate integrally provided with a plurality of support legs each having a hole at an end thereof;

a base plate integrally provided along an edge thereof with a plurality of projections each having a sharp tip and positioned at regular intervals to correspond to the support legs of the upper plate;

a plurality of guide plates mated to recess parts formed on the lower side of the upper plate; and

~~The air hypocaust structure as set forth in claim 6, further comprising a plurality of recess parts formed on a lower side of the upper plate at regular intervals to correspond in position to the guide plates, and a plurality of protrusion parts formed on an upper side of the upper plate at regular intervals to correspond in position to the recess parts.~~

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3. (canceled)

4. (currently amended) The air hypocaust structure as set forth in claim [[1]] 2, further comprising a plurality of guide plates, wherein upper ends of the plurality of guide plates are fixed into a plurality of recess parts of the lower side of the upper plate, and a flow direction of the cold or hot air current is changed by the guide plates.

5. (currently amended) The air hypocaust structure as set forth in claim 3-~~or~~ 4, further comprising a base, wherein the base is integrally formed with a lower end of each of the guide plates, and comes into contact with an upper side of the base plate to support the guide plates between the upper plate and the base plate.

6. (canceled)